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(71) Applicant (for all designated States except US): **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410043 (JP).

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(72) Inventors; and
(75) Inventors/Applicants (for US only): **YAMAMOTO, Takashi** [JP/JP]; 9-10-405, Takashirocho, Suita-shi, Osaka, 5640024 (JP). **MASANAGA, Mari** [JP/JP]; 31-15, Maruyamacho, Suita-shi, Osaka, 5640061 (JP). **KAWABATA, Hiroshi** [JP/JP]; 4-52-C307, Nakanoshimacho, Suita-shi, Osaka, 5640035 (JP).

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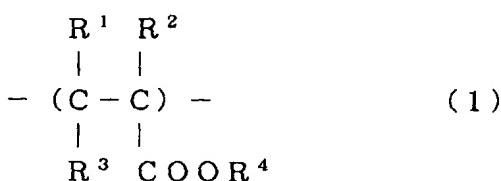
(74) Agents: **HATTA, Mikio** et al.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo, 1020084 (JP).

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A1 (54) Title: DRYING SHRINKAGE-REDUCING AGENT



(57) Abstract: A drying shrinkage-reducing agent which comprises a polymer containing as an essential component at least one structural unit (I) represented by the following formula (1): [Chemical 1] wherein R1, R2, and R3 independently stand for a hydrogen atom, a methyl group, or a -(CH₂)_pCOOX group, wherein X stands for a hydrogen atom, a monovalent metal, a divalent metal, an ammonium group, an organic amine group, or a hydrocarbon group, and p is an integer of 0 - 2; and R4

stands for a hydrocarbon group of 4 - 30 carbon atoms, and exhibiting surface tension in the range of 25 - 50 mN/m in a solution containing 0.2 mass% of the polymer in a cement supernatant is provided. The drying shrinkage-reducing agent manifests no dispersability in an amount capable of attaining necessary drying shrinking-reducing properties and, when used in combination with a dispersing agent, acquires ability to adjust the dispersability and the drying shrinkage-reducing properties fit for the purpose.

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